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UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/661,674	09/14/2000	Mark I. Synder	56180.0900

Daniel R Pote
Snell & Wilmer LLP
One Arizona Center
400 E Van Buren
Phoenix, AZ 85004-2202



FORMALITIES LETTER



OC000000005531908

Date Mailed: 11/06/2000

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*


Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/10/2001 SDENB001 00000098 09661674

01 FC:105

130.00 00

SECRET
#5

CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8

I hereby certify that this correspondence and attached documents in response to a Notice to File Missing Parts of Application, pursuant to 37 C.F.R. §1.8, are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Box MISSING PARTS, Washington D.C. 20231-9998, on:

Date: January 4, 2001

By Julie A. Eslick
Signature of person depositing First-Class Mail



**IN THE UNITED STATES PATENT AND PATENT
TRADEMARK OFFICE**

*TRANSMITTAL OF MISSING PARTS FOR
PATENT APPLICATION PURSUANT TO
37 C.F.R. §1.53(d)*

Applicant(s): Mark I. SNYDER, et al.

Docket No.: A61-25423 /
56180.0900

Serial No.: 09/661,674

Filed: September 14, 2000

TITLE: METHODS AND APPARATUS FOR REAL-
TIME PROJECTIONS AND RENDERING
OF GEOSPATIALLY ORGANIZED DATA

Group Art Unit: 2177

Assistant Commissioner for Patents
Box **MISSING PARTS**
Washington, D.C. 20231-9998

Sir:

In response to the Notice to File Missing Parts of Application mailed on November 6, 2000 in the above-identified application, enclosed herewith are the missing parts needed to complete filing of the subject patent application.

1. Small Entity Status

- [] Small entity status under 37 C.F.R. §§1.9 and 1.27 has been established by a verified statement previously submitted.
- [] Verified statements to establish small entity status under 37 C.F.R. §§1.9 and 1.27 is enclosed.

2. Fee Calculation

Basic Fee (\$690) + surcharge (\$130)					=	\$ 820.00
Total Claims	2 minus	20 =	x	\$ 18.00	=	.00
Independent Claims	2 minus	3 =	x	\$ 78.00	=	.00
Multiple dependent claim fee, if applicable				\$260.00	+	0.00
Fee calculation, request for extension of time pursuant to 37 C.F.R. §1.136(a)						

<input type="checkbox"/> Missing parts filed within first month after due date – add	\$ 110.00	+	N/A
<input type="checkbox"/> Missing parts filed within second month after due date – add	\$ 380.00	+	N/A
<input type="checkbox"/> Missing parts filed within third month after due date – add	\$ 870.00	+	N/A
<input type="checkbox"/> Missing parts filed within fourth month after due date – add	\$1360.00	+	N/A

Subtotal: 820.00

If one of the “small entity” boxes above is checked, enter half (1/2) of the Subtotal and subtract. - N/A

Add: Fee (\$40.00) for recording assignment and other fee(s): 40.00

Less fees submitted with application, Snell & Wilmer’s Check No. 485355 690.00

TOTAL FEES ENCLOSED: 170.00

3. Enclosures (check as applicable)

<input checked="" type="checkbox"/> Notice of Missing Parts (copy)
<input checked="" type="checkbox"/> Executed Declaration
<input type="checkbox"/> Power of Attorney
<input type="checkbox"/> Verified Statement(s) of Small Entity Status under 37 C.F.R. §§1.9(c), 1.9(d), and 1.27
<input checked="" type="checkbox"/> Check for remaining fees (Snell & Wilmer’s check No. 282393).
<input checked="" type="checkbox"/> Assignment and required Recordation Form Cover Sheet
<input type="checkbox"/> Information Disclosure Statement pursuant to 37 C.F.R. §§1.97-1.99 (with PTO Form 1449 and copies of citations)
<input checked="" type="checkbox"/> Other: Request for Correction of Filing Receipt Data

Extra copies of this letter:

<input checked="" type="checkbox"/> for charge to deposit account (deficiency only)
<input checked="" type="checkbox"/> for assignment

4. Manner of Payment

☐ Please charge Deposit Account No. 19-2814 in the amount of \$_____. **A duplicate copy of this sheet is attached.**

☒ A check in the amount of \$170.00 is attached (Snell & Wilmer Check No. 282393).

This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any **deficiency** in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (**deficiency** only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-2814 **for which purpose a duplicate copy of this sheet is attached.**

5. Assignment

[X] An Assignment of this application is enclosed. Please record the Assignment and return the recorded Assignment to the undersigned attorney.

The Patent and Trademark Office is respectfully requested to send a corrected filing receipt for this application to the undersigned attorney and forward the application for examination.

Respectfully submitted,

By 

Daniel R. Pote
Reg. No. 43,011

SNELL & WILMER L.L.P.
One Arizona Center
400 East Van Buren
Phoenix, Arizona 85004-2202
(602) 382-6325

CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8

I hereby certify that this Request for Correction of Filing Receipt Data is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231:

Date: Jan. 4, 2001

By: Julie A. Eslick



PATENT

**IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE**

Applicant: Snyder, et al.

Docket No.: 56180.0900

Application No.: 09/661,674

Filed: September 14, 2000

Title: **METHODS AND
APPARATUS FOR REAL-
TIME PROJECTION AND
RENDERING OF
GEOSPATIALLY
ORGANIZED DATA**

Group Art Unit: 2177

***REQUEST FOR CHANGE OF
FILING RECEIPT DATA***

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Thank you for the "Filing Receipt for Patent Application" in the above-identified application.

In the Applicant(s) section, please change Mark I. Synder to Mark I. **Snyder** and change Matt Hillbert to Matt **Hilbert**.

Please add the following to the section entitled Continuing Data as Claimed by Applicant:

Claims priority of 60/153,900 09/14/1999

For your convenience, we have enclosed a copy of the Filing Receipt with the requested changes noted thereon. With the requested corrections, the Filing Receipt will agree with the Application as filed.

We look forward to receiving a corrected Filing Receipt for this application.

If you should have any questions, please do not hesitate to contact the undersigned at the telephone number listed below.

Respectfully submitted,

By



Daniel R. Pote

Reg. No. 43,011

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WASHINGTON, D.C. 20231
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/661,674	09/14/2000	2177	690	56180.0900	4	2	2

RECEIVED

Daniel R Pote
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NOV 09 2000

FILING RECEIPT



OC000000005531907

SNELL & WILMER

JAN 08 2001

Date Mailed: 11/06/2000

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Snyder
Mark I. Snyder, Glendale, AZ ; ✓

Gary Teskey, Glendale, AZ ; ✓

Blake W. Wilson, Glendale, AZ ; ✓

Hilbert
Matt Hilbert, Glendale, AZ ; ✓

Mike B. Adams JR., Scottsdale, AZ ; ✓

Karl L. Chase, Glendale, AZ ; ✓

Continuing Data as Claimed by Applicant

→ NO mention of priority claim (0)153,900 (9-14-99)

Foreign Applications

If Required, Foreign Filing License Granted 11/03/2000

Title

Methods and apparatus for real-time projection and rendering of geospatially organized data ✓

Preliminary Class

707

Handwritten: Correct filing attempt w/ resp due 1-6-01
file://C:\APPS\PreExam\correspondence\1_A.xml

11/3/00

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

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